CONTROLS / INDICATORS

Handheld Remote Controller:

The buttons above the line on the handheld Remote Controller are Set-up Controls, which the instructor uses to select a training scenario (an LED lights next to the selected scenario). The buttons below the line are Training Controls, which the instructor uses to introduce events into the training scenario.

Set-up Controls:

View/Enter scenario
Show current scenario selection (press once)
Start scenario (press again)

Move Up to next scenario.

CPR Metronome On/Off Button

Enables the CPR metronome to beep for the selected Training Scenario. The LED above the button lights to indicate that the CPR metronome is enabled. You should enable the CPR metronome whenever ***CPR-D padz*** ® are connected to the Trainer2.

When a CPR period occurs in the Training Scenario, the CPR metronome begins to beep at 60 compressions per minute (CPM), then automatically accelerates to 100 CPM after a few seconds. Metronome beeps are independent of the student's actual compression rate and continue until either the CPR interval ends or the the instructor ends the scenario.

- ***Manual Scenario Mode***
- ***Scenario 1: SHOCK - SHOCK***
- ***Scenario 2: NO SHOCK - SHOCK***
- ***Scenario 3: SHOCK - NO SHOCK***
- ***Scenario 4: NO SHOCK - NO SHOCK***

Training Controls:

Pads attached/not attached to victim's bare chest (toggle-switch).

NO SHOCK advised on next heart analysis (manual mode only).

PUSH HARDER prompt (only when CPR Metronome is beeping).

GOOD COMPRESSIONS prompt (only when CPR Metronome is beeping).

Pause (resume) current scenario.

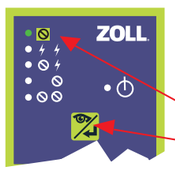
End current scenario.

ZOLL AED Plus ® Trainer2:

Press to turn on Trainer2.
Press again to start current scenario (as selected using Remote Controller).
Press and hold down to turn off Trainer2.

Green light remains on = Trainer2 is on and ready for use.
Green light off = Trainer2 is turned off or has no battery power.
Red Light steady = Last command from Remote Controller accepted.
Red Light 3 flashes = Last command from Remote Controller is invalid.

1 SETUP and TEST

Trainer2 unit:	*Action:*
	Install 4 "D" alkaline batteries in the AED Plus Trainer2.
	Press **On/Off** Button to turn Trainer2 on.
	Green light turns on, indicating Trainer2 is ready for use.
Remote Controller:	*Action:*
	Install 2 "AA" batteries in handheld remote. Turn the Remote Controller on by pushing the **View/Enter** Button.
	Point Remote Controller at unit and press **View/Enter** Button again. Green light on Remote Controller will show Manual Scenario Mode is selected.
	Manual Scenario Mode
	View/Enter Button
Trainer2 unit:	*Action:*
	Turn Trainer2 unit off (hold down **On/Off** Button).
	Setup test is now complete. Trainer2 unit and Remote Controller are ready for use.

NOTE The Remote Controller lights indicate the current training settings while the Trainer2 simulates the actual AED Plus behavior.

2 SELECT SCENARIO SETTINGS

Trainer2 unit:	*Action:*
	Press the **On/Off** Button to turn on the Trainer2.
Remote Controller:	*Action:*
	Press the **View/Enter** Button once to turn on the Remote Controller.
	Use **Move Up** Button to select desired scenario.
	Use **CPR Metronome On/Off** Button to turn Real CPR Help ® (beeping) on or off for this scenario.
	Press the **View/Enter** Button once to transmit the selected Training Scenario to the Trainer2 unit.

NOTE The Remote Controller will turn itself off after 10 seconds. The Remote Controller will remember the last scenario setting which reappears the next time the **View/Enter** Button is pressed.

3 SCENARIO CONTROLS

Remote Controller:	*Action:*
Analysis - VF	VF (Ventricular Fibrillation-shock advised) is the default simulated heart rhythm in Manual Scenario.
	For the next analysis to result in *NO SHOCK ADVISED*, push the **No Shock** button.
	NOTE Once the No Shock button has been pushed, the next simulated heart analysis will advise NO Shock. This setting cannot be reversed for the next analysis.
	In all scenarios the **Pads** Button must be pressed once to proceed with analysis. If pressed again, it will begin to prompt for attaching pads.

3a CPR Prompts

The Instructor uses the Remote Controller to control prompts during a Training Scenario's CPR period. The instructor can use the following buttons to simulate the use of an AED Plus defibrillator with Real CPR Help ®.

Remote Controller:	*Action:*
	Push Harder Button Pressing this button during the CPR period causes the Trainer2 to issue the *PUSH HARDER* voice prompt. Instructors should press this button when a student's chest compressions are too shallow.
	Good Compressions Button Pressing this button during the CPR period causes the Trainer2 to issue the *GOOD COMPRESSIONS* voice prompt. Intructors should press this button to provide students with positive feedback when they respond to the *PUSH HARDER* prompt by improving the depth of chest compressions

NOTE Accurately imitating the student's AED Plus unit requires instructors be familiar with the protocol currently followed by the AED Plus for *PUSH HARDER* and *GOOD COMPRESSIONS* prompts.

Trainer2 unit:	*Action:*
	The **Push Harder** and **Good Compressions** Buttons are only valid during the CPR intervall. The red light on the Trainer2's status window emits one long flash if the prompt is currently valid.
	If the **Push Harder** or **Good Compressions** Buttons are pushed when the Trainer2 is not beeping, the unit's red light emits three quick flashes, indicating that the prompt is currently invalid.

3b PAUSE/END SCENARIO

Remote Controller:	*Action:*
	In all scenarios (manual and automatic), the rescue can be paused by pressing the **Pause/Resume** Button once. Press it a second time to resume the scenario.
	In all scenarios (manual and automatic), the rescue can be ended by pressing the **End** Button once.

NOTE For further information about the functioning of the clinical AED Plus, see the AED Plus Operator's Guide and Administrator's Guide.

TROUBLESHOOTING

AED Plus Trainer2 problem/ display:	*Action:*
Trainer2 does not respond (green light in status window is not lit) when **On/Off** Button is pushed	Replace all four D batteries in Trainer2 unit.
Remote Controller does not respond (scenario selection is not lit) when **View/Enter** Button is pushed.	Replace both AA batteries in Remote Controller.
Trainer2 does not beep or react to Remote Controller during CPR interval.	Re-set scenario and make certain that CPR metronome light is on.
No prompt to *GIVE TWO BREATHS* after *CHECK BREATHING*.	Unit is configured for ERC. Change to AHA configuration. (See Switching AHA/ERC Configuration section of this Operator's Guide).
With new batteries in both, Trainer2 fails to respond to Remote Controller.	Contact ZOLL Technical Service.

MAINTENANCE

1. Keep Trainer2 and Remote Controller clean, undamaged, and free of excessive wear.
2. Verify that there are no cracks or loose parts in Trainer2 and Remote Controller.
3. Replace Training electrodes as necessary.

CLEANING

- Clean the Trainer2 unit and remote controller with soft, damp cloth using soap and water, then wipe dry immediately.
- Do not immerse any parts in water.
- Do not clean with ketones (e.g., MEK, acetone).
- Avoid using abrasives on any surface.
- Do not sterilize the Trainer2 or the Remote Controller.

ACCESSORIES

You can order the following Trainer2 accessories from the ZOLL Customer Service Department or your distributor:

Item:	*REF*
1. ***CPR-D*** *pad***z** ® Training Electrodes (1 Set)	8900-0804-01
2. ***CPR-D*** *pad***z** Training Gel (5 Pair)	8900-0803-01
3. **stat** *pad***z** ® Training Electrodes (1 Set)	8900-0805-01
4. Trainer2 Remote Controller	8008-0007

WARNINGS

- Product intended for indoor use only.
- This device is for training only. It will not deliver defibrillation energy.
- Do not attempt to plug AED Plus or AED Pro simulator into connector of Trainer2.
- Do not attempt to take Trainer2 or Remote Controller apart. Remove battery compartment doors only to replace batteries.
- Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in accompanying documents.
- Portable and Mobile RF Communications equipment can affect Medical Electrical Equipment.

SCENARIOS

1

Simulated heart rhythm:	*Student Response:*
VF 1	Shock
VF 2	CPR
VF 3	Shock
VF 4	CPR
Done	

2

Simulated heart rhythm:	*Student Response:*
ASYSTOLE 1	No Shock
ASYSTOLE 2	CPR
VF 1	Shock
VF 2	CPR
Done	

3

Simulated heart rhythm:	*Student Response:*
VF 1	Shock
VF 2	CPR
NSR 1	No Shock
NSR 2	CPR
Done	

4

Simulated heart rhythm:	*Student Response:*
ASYSTOLE 1	No Shock
ASYSTOLE 2	CPR
ASYSTOLE 3	No Shock
ASYSTOLE 4	CPR
Done	

SWITCHING AHA/ERC CONFIGURATION

American Heart Association (AHA) configuration: Prompt to *GIVE TWO BREATHS* after *CHECK BREATHING*.

European Resuscitation Council (ERC) configuration: NO prompt to *GIVE TWO BREATHS* after *CHECK BREATHING*.

To include *GIVE TWO BREATHS* prompt (AHA configuration), or exclude *GIVE TWO BREATHS* prompt (ERC configuration), do the following:

- With the Trainer2 unit off, hold down the **Shock** Button. Press **On/Off** Button once. Green light will illuminate at status window to indicate AHA configuration (prompt sequence will contain *GIVE TWO BREATHS*).
- Press **Shock** Button again. Green light will turn off and red light will illuminate at status window to indicate ERC configuration (prompt sequence will NOT contain *GIVE TWO BREATHS*).
- Press **Shock** Button again to revert to AHA configuration (green light on and red light off).
- When configured as desired (green = AHA, red = ERC), hold down **On/Off** Button to turn unit off to store configuration.

NOTE Additional Remote Controllers are available. Contact ZOLL Medical Corporation or your distributor.

SYMBOLS

The following symbols appear on the ZOLL AED Trainer2:

EC REP Authorized representative in the European Community.

Return to a collection site intended for waste electrical and electronic equipment (WEEE). Do not dispose of in unsorted trash.

Manufacturer.

Caution.

Temperature limitation.

REF Catalogue Number.

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CE Conformité Européene - Complies with Low Voltage Directive 73/23/EEC.

AED PLUS® trainer2

Automated External Defibrillator Trainer2

Operator's Guide

ZOLL®
Advancing Resuscitation. Today.®

For technical support or repair:

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